

Amendments to the Claims:

Please amend the claims as follows:

1. (Currently Amended) A noise reduction system ~~for use with a vacuum generating device that includes an air turbine,~~ to reduce the noise generated by the exhaust from ~~the~~ an air turbine ~~when used with an automatic cutting table~~ comprising:

~~a main housing;~~

a first noise reduction configuration that includes, a main housing, a first baffle and a second baffle including an air outlet;

an air stop connecting sleeve coupling said first baffle to ~~set~~ said second baffle, where a portion of the first baffle at the coupled end includes a plurality of uniformly spaced apertures and a portion of the second baffle at the coupled end includes a plurality of uniformly spaced apertures;

a second noise reduction configuration that includes, an exhaust housing coaxially coupled to the exhaust end of said second baffle;

a solid composite noise reduction foam ~~connected to~~ surrounding the inside wall of said main housing and the inside wall of said exhaust housing;

said first baffle and said ~~set~~ second baffle mounted coaxially inside said main housing;

said first baffle having an inlet mounted to the exhaust of said air turbine and a plurality of circumferentially disposed apertures, said second baffle having a plurality of circumferentially disposed apertures; and

~~wherein the an exhaust air first flows into said first baffle and is dispersed that disperses~~ through said first baffle apertures into said baffle main and then directed into said second baffle through said second baffle apertures ~~into~~ and out of the second baffle outlet ~~within~~ into said exhaust housing, said exhaust housing having a at least one exhaust port.

2. (Currently Amended) A noise reduction system for use as a vacuum generating device that includes an air turbine to reduce the noise generated by the exhaust from the air turbine comprising:

a main housing;

a first noise reduction configuration that includes, a baffle having a first portion and a second portion, and a wall separating said first portion from said second portion, a plurality of uniformly spaced apertures extending away from the wall partially along the first portion and the second portion;

a second noise reduction configuration that includes, an exhaust housing coupled to the exhaust end of said baffle;

~~means for reducing noise connected to~~ a solid composite noise reduction material surrounding the inside wall of said main housing and the inside wall of said exhaust housing;

said baffle mounted inside said main housing;

said baffle having an inlet mounted to the exhaust of said air turbine ~~and a plurality of circumferentially disposed apertures in said first section and a plurality of circumferentially disposed apertures in said second section;~~

said an exhaust air flows into said baffle first section ~~portion to~~ through the inlet, out of the apertures on the first portion side of the wall and into the apertures the second portion side of the wall and ~~out through the first second apertures into the main housing and into the second section through the baffle apertures through the second section outlet into the exhaust housing;~~

said air flow ~~during an turning~~ 180 degrees ~~turn~~ in said exhaust housing; and

~~means for air to~~ an exhaust ~~from said~~ in said exhaust housing in the direction of the air turbine and motor.

3. (Currently Amended) A noise reduction system ~~for use with a vacuum generating device that include an air turbine~~ to reduce the noise generated by the exhaust from the an air turbine ~~when used with an automatic cutting table~~ comprising;

an air turbine having a vertically mounted exhaust duct;

a first noise reduction configuration that includes, a baffle mounted coaxially on top of said air turbine exhaust duct and having an inlet opening for receiving air into said baffle from said air turbine exhaust;

said baffle having a plurality of uniformly spaced apertures covering a portion of the baffle and an end plug to prevent air from flowing out the end of the baffle;

a second noise reduction configuration that includes, a large cylindrical container mounted coaxially over said baffle surrounding said baffle on all sides;

said large container including a ~~means for reducing noise~~ a noise reduction material distributed about its interior wall surface ~~in strategically located areas~~;

said large container including an exhaust outlet directed to said air turbine whereby exhaust air cools the turbine and turbine motor.

4. Cancelled

5. (Currently Amended) A noise reduction system as in Claim 3 wherein said ~~means for reducing noise~~ noise reduction material is a noise reduction foam fixed to the inside of said container walls.

6. (Original) A noise reduction system as in Claim 1, including:

said first baffle and said second baffle are cylindrical tubular in construction; and

said connecting sleeve includes tubular portions for coupling said first baffle to said second baffle.

7. (Original) A noise reduction system as in Claim 6, wherein:

said exhaust air is directed from the exhaust housing towards said air turbine and said electric motor for cooling purposes.